

## Pt. 63, Subpt. JJ, Table 3

## 40 CFR Ch. I (7–1–10 Edition)

Chemical name	CAS No.	Chemical name	CAS No.
Styrene oxide .....	96093	Vinylidene chloride (1,1-Dichloroethylene) .....	75354
2,3,7,8-Tetrachlorodibenzo-p-dioxin .....	1746016	Xylenes (isomers and mixture) .....	1330207
1,1,2,2-Tetrachloroethane .....	79345	o-Xylene .....	95476
Tetrachloroethylene (Perchloroethylene) .....	127184	m-Xylene .....	108383
Toluene .....	108883	p-Xylene .....	106423
2,4-Toluenediamine .....	95807		
Toluene-2,4-diisocyanate .....	584849		
o-Toluidine .....	95534		
1,2,4-Trichlorobenzene .....	120821		
1,1,2-Trichloroethane .....	79005		
Trichloroethylene .....	79016		
2,4,5-Trichlorophenol .....	95954		
2,4,6-Trichlorophenol .....	88062		
Triethylamine .....	121448		
Trifluralin .....	1582098		
2,2,4-Trimethylpentane .....	540841		
Vinyl acetate .....	108054		
Vinyl bromide .....	593602		
Vinyl chloride .....	75014		

<sup>a</sup>Includes mono- and di-ethers of ethylene glycol, diethylene glycols and triethylene glycol; R-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>—OH. OR where:  
n = 1, 2, or 3.  
R = alkyl or aryl groups  
R' = R, H, or groups which, when removed, yield glycol ethers with the structure: R-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>—OH. Polymers are excluded from the glycol category.  
<sup>b</sup>Includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100°C.

[63 FR 71381, Dec. 28, 1998]

TABLE 3 TO SUBPART JJ OF PART 63—SUMMARY OF EMISSION LIMITS

Emission point	Existing source	New source
Finishing Operations:		
(a) Achieve a weighted average VHAP content across all coatings (maximum kg VHAP/kg solids [lb VHAP/lb solids], as applied) .....	<sup>a</sup> 1.0	<sup>a</sup> 0.8
(b) Use compliant finishing materials (maximum kg VHAP/kg solids [lb VHAP/lb solids], as applied):		
—stains .....	<sup>a</sup> 1.0	<sup>a</sup> 1.0
—washcoats .....	<sup>a,b</sup> 1.0	<sup>a,b</sup> 0.8
—sealers .....	<sup>a</sup> 1.0	<sup>a</sup> 0.8
—topcoats .....	<sup>a</sup> 1.0	<sup>a</sup> 0.8
—basecoats .....	<sup>a,b</sup> 1.0	<sup>a,b</sup> 0.8
—enamels .....	<sup>a,b</sup> 1.0	<sup>a,b</sup> 0.8
—thinners (maximum percent VHAP allowable); or .....	10.0	10.0
(c) As an alternative, use control device; or .....	<sup>c</sup> 1.0	<sup>c</sup> 0.8
(d) Use any combination of (a), (b), and (c) .....	1.0	0.8
Cleaning Operations:		
Strippable spray booth material (maximum VOC content, kg VOC/kg solids [lb VOC/lb solids]) .....	0.8	0.8
Contact Adhesives:		
(a) Use compliant contact adhesives (maximum kg VHAP/kg solids [lb VHAP/lb solids], as applied) based on following criteria:		
i. For aerosol adhesives, and for contact adhesives applied to nonporous substrates .....	<sup>d</sup> NA	<sup>d</sup> NA
ii. For foam adhesives used in products that meet flammability requirements .....	1.8	0.2
iii. For all other contact adhesives (including foam adhesives used in products that do not meet flammability requirements); or .....	1.0	0.2
(b) Use a control device .....	<sup>e</sup> 1.0	<sup>e</sup> 0.2

<sup>a</sup>The limits refer to the VHAP content of the coating, as applied.<sup>b</sup>Washcoats, basecoats, and enamels must comply with the limits presented in this table if they are purchased premade, that is, if they are not formulated onsite by thinning other finishing materials. If they are formulated onsite, they must be formulated using compliant finishing materials, i.e., those that meet the limits specified in this table, and thinners containing no more than 3.0 percent VHAP by weight.<sup>c</sup>The control device must operate at an efficiency that is equivalent to no greater than 1.0 kilogram (or 0.8 kilogram) of VHAP being emitted from the affected emission source per kilogram of solids used.<sup>d</sup>There is no limit on the VHAP content of these adhesives.<sup>e</sup>The control device must operate at an efficiency that is equivalent to no greater than 1.0 kilogram (or 0.2 kilogram) of VHAP being emitted from the affected emission source per kilogram of solids used.

[60 FR 62936, Dec. 7, 1995, as amended at 62 FR 30260, June 3, 1997]

TABLE 4 TO SUBPART JJ OF PART 63—  
POLLUTANTS EXCLUDED FROM USE  
IN CLEANING AND WASHOFF SOL-  
VENTS

Chemical name	CAS No.	Chemical name	CAS No.
4-Aminobiphenyl .....	92671	Styrene oxide .....	96093
		Diethyl sulfate .....	64675
		N-Nitrosomorpholine .....	59892
		Dimethyl formamide .....	68122
		Hexamethylphosphoramide .....	680319
		Acetamide .....	60355
		4,4'-Methylenedianiline .....	101779